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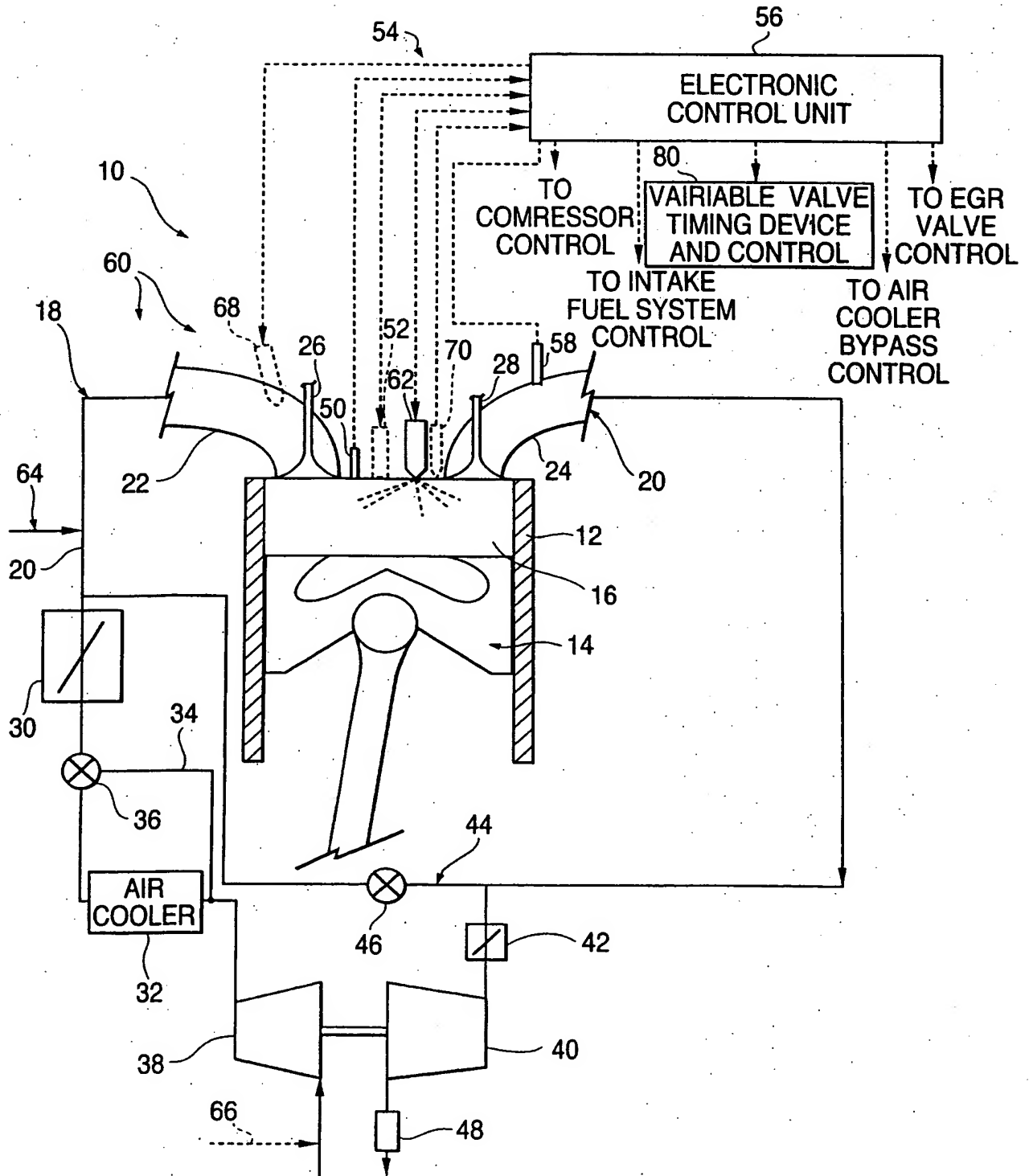
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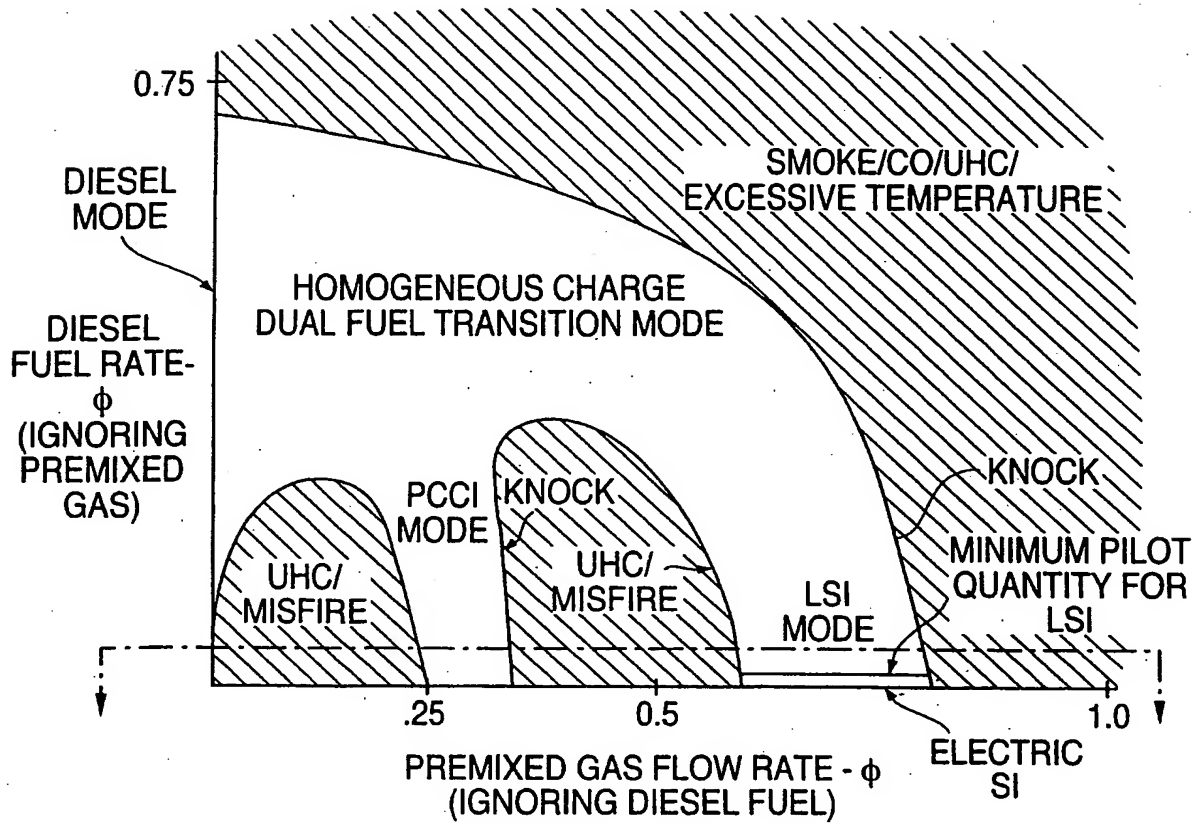
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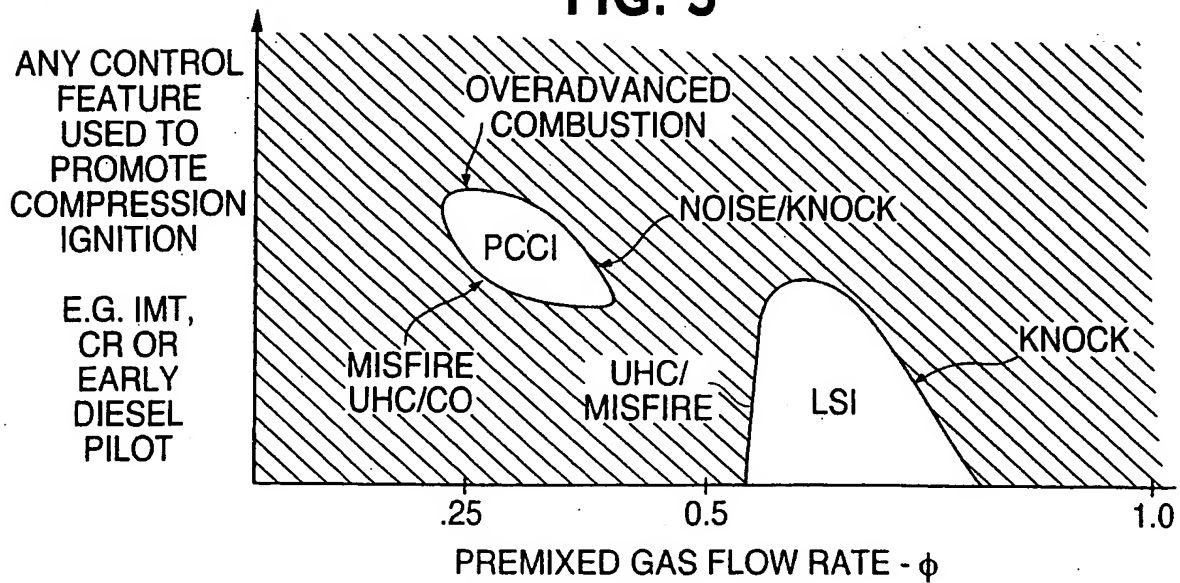
**FIG. 1**



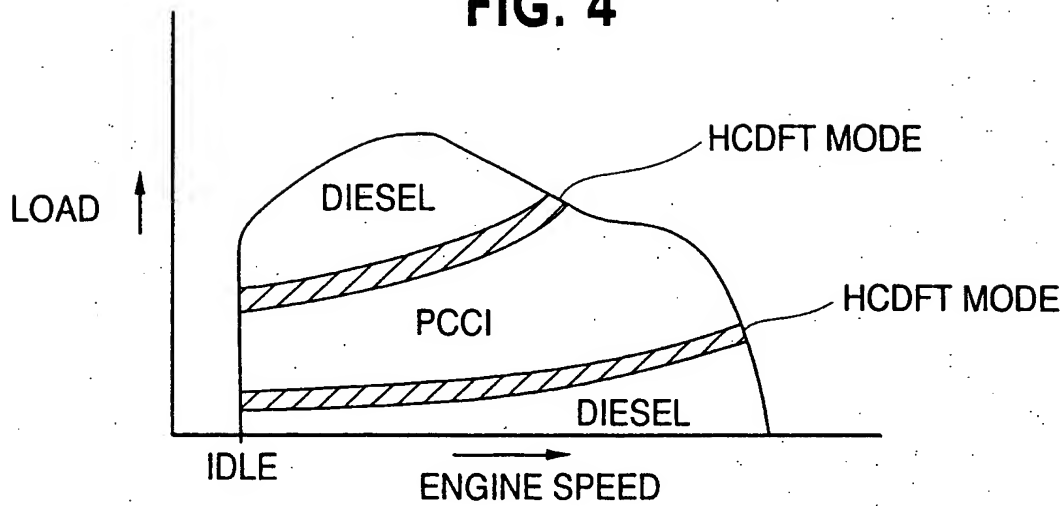
**FIG. 2**



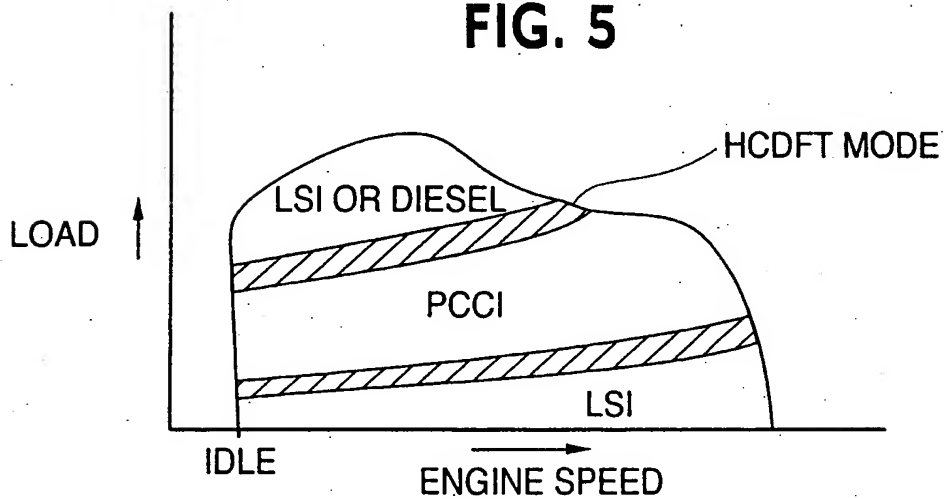
**FIG. 3**



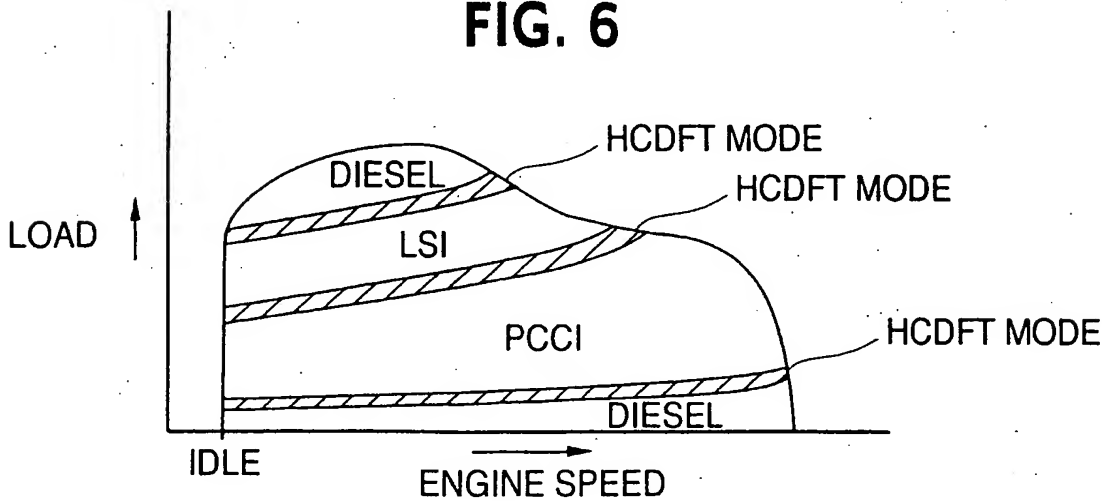
**FIG. 4**



**FIG. 5**

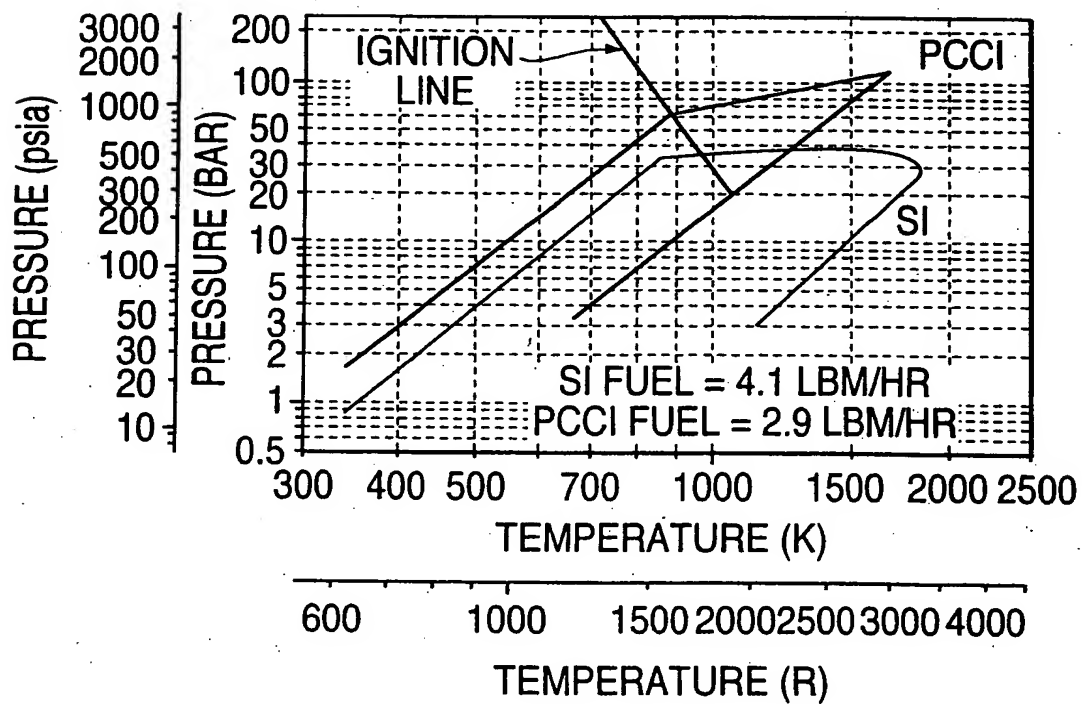


**FIG. 6**

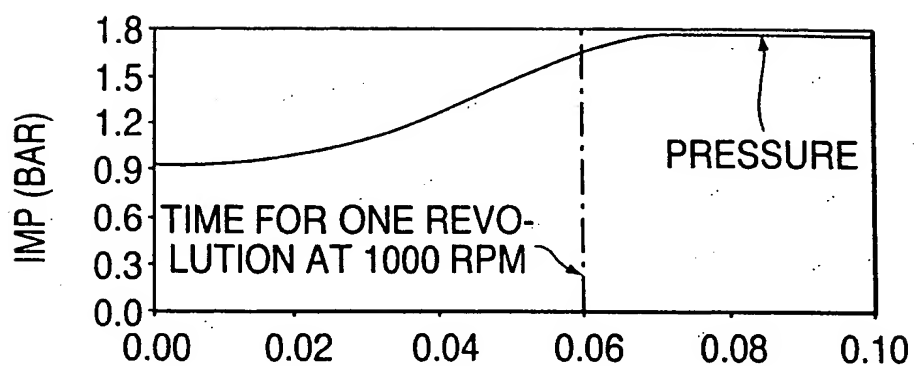


# FIG. 7

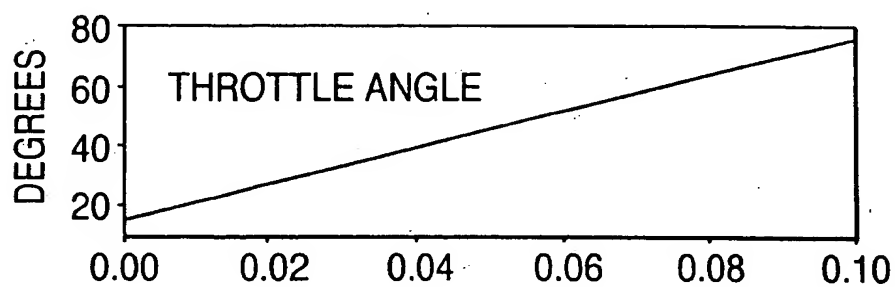
SI TO PCCI THROTTLE TRANSITION, 14.5:1. SI is  $\phi=0.7$ , IMP=.9 BAR, PCCI is  $\phi=0.3$ , IMP=1.79 BAR, IMT=311 K (100 F) FOR BOTH. 1000RPM.



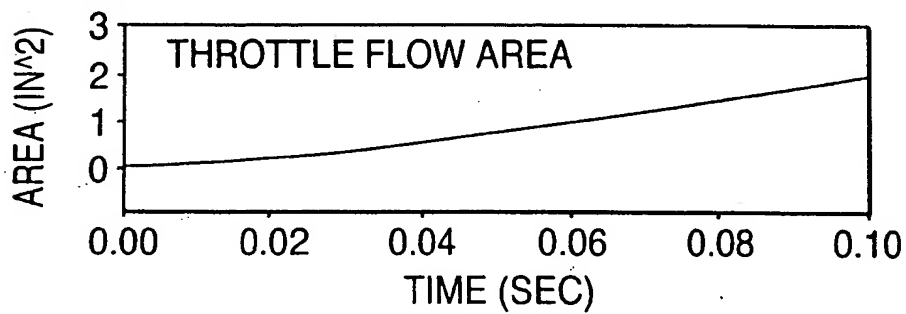
**FIG. 8a**



**FIG. 8b**



**FIG. 8c**



**FIG. 9**

